

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Safety apparatus for transfusions of blood or blood derivatives contained inside at least one bag having at the bottom at least one tube made of elastically deformable material ~~such as rubber or the like~~, for discharging the blood or blood derivatives, said blood or blood derivatives belonging to a given blood group with an associated Rh factor, characterized in that it comprises a constriction device closed by suitable clamping means movable about said tube so as to prevent the blood or blood derivatives which leave the bag from passing through said tube, said constriction device comprises a central disk having, arranged thereon in a precise position, projecting teeth co-operating with through-holes complementing said projecting teeth and formed in a similar position on a tag for opening said constriction device, the through-holes in the tag adapted to engage the projecting teeth such that the tag remains inside the central disk of the constriction device in an irreversible manner as proof that said constriction device has been used, said constriction device being provided with a seat on which suitable elements for coding and identifying said blood group with associated Rh factor are formed, which elements co-operate with a unique key for opening, in the event of compatibility, said constriction device provided with suitable elements complementing said coding elements and able to release said clamping means so as to open said constriction device and free said tube.

2. (Previously Presented) Apparatus according to Claim 1, characterized in that said constriction device is connected in an irreversible manner and using suitable means to said bag, both in said position closed by said clamping means and in said open position with said clamping means unlocked.

3. (Previously Presented) Apparatus according to Claim 1, characterized in that said opening key, used to check the identity of the patient's blood group and its compatibility to the receivable blood, is placed inside a seat formed in a wrist-band fixed to the wrist of a patient who is required to undergo a given operation.

4. (Currently Amended) Apparatus according to ~~Claim 1~~ Claim 3, characterized in that said bag, said constriction device, said opening key and said wrist-band bear the same writing identifying the blood group with associated Rh factor of the patient.

5. (Previously Presented) Apparatus according to Claim 1, characterized in that opening keys indicating the blood group of the patient and the groups compatible with that of the patient are placed inside said seat of the wrist-band.

6. (Cancelled)

7. (Currently Amended) Apparatus according to ~~Claim 6~~ Claim 1, characterized in that said central disk comprises a raised annular edge.

8. (Previously Presented) Apparatus according to Claim 7, characterized in that a projecting reference stud co-operating with an incision formed in the edge of said opening tag is provided in the vicinity of the inner wall of said raised annular edge of the central disk.

9. (Previously Presented) Apparatus according to claim 8, in which the said reference stud and the cooperating incision have both a complementary asymmetrical profile.

10. (Currently Amended) Apparatus according to ~~Claim 6~~ Claim 1, characterized in that an arm-piece foldable towards the rear of said central disk by means of a suitable hinge is fixed or formed integrally on one side of said central disk, the free end of said arm-piece comprising a ratchet pin inserted inside a through-hole formed in said central disk for closing said constriction device and clamping said tube.

11. (Previously Presented) Apparatus according to Claim 10, characterized in that said hinge is a weakened zone formed in the vicinity of the end of the arm-piece connected to said central disk.

12. (Previously Presented) Apparatus according to Claim 10, characterized in that said opening tag comprises a substantially frustoconical through-hole for releasing by means of pressure said ratchet pin and for opening said constriction device.

13. (Previously Presented) Apparatus according to Claim 10, characterized in that said central disk has at the rear a seat inside which said tube is positioned and clamped between said arm-piece and said seat.

14. (Previously Presented) Apparatus according to Claim 13, characterized in that said seat comprises a series of transverse ribs.

15. (Previously Presented) Apparatus according to Claim 10, characterized in that the central disk is provided on the side opposite to that where said arm-piece is connected with a projecting lug having, formed thereon, a hole for fastening a tie for fixing in an irreversible manner said constriction device to said bag.

16. (Currently Amended) Apparatus according to ~~Claim 6~~ Claim 1, in which the said constriction device is further provided with a substantially cylindrical lid, firmly connected to the said constriction device provided with an opening for the introduction of the said tag, the said opening being provided with means for coding the said introduction, said means for coding cooperating with complementary coding means provided on the said tag.

17. (Previously Presented) Apparatus according to claim 16, in which the said opening comprise a slot provided radially on the lateral wall of the said lid.

18. (Previously Presented) Apparatus according to claim 17, in which the said means for coding the introduction comprise one or more grooves formed at one edge of the said slot, the corresponding tag being provided with ribs compatible with the design of the said grooves.

19. (Previously Presented) Apparatus according to Claim 16, in which the said lid comprise means for pushing the said tag against the said central disk,

20. (Previously Presented) Apparatus according to Claim 3, characterized in that said wrist-band comprises a face-plate with, formed thereon, projecting teeth having a shape and position corresponding to the through-holes formed in said tag.

21. (Previously Presented) Apparatus according to Claim 20, characterized in that said face-plate comprises a further cylindrical pin with which said substantially frustoconical hole formed in said opening tag can be engaged.

22. (Previously Presented) Apparatus according to Claim 20, characterized in that said face-plate comprises a raised annular edge for receiving therein several opening tags of the same type stacked on top of one another, the number of said stacked tags corresponding to the number of bags with blood or blood derivatives of a same blood group, required by the patient.

23. (Previously Presented) Apparatus according to Claim 22, characterized in that a projecting reference stud complementing said incision formed in the opening tag is provided on the inner wall of said annular edge of the face-plate.

24. (Previously Presented) Apparatus according to Claim 23, in which the said reference stud and the complementing incision have both a complementary asymmetrical profile.

25. (Previously Presented) Apparatus according to Claim 22, characterized in that the raised annular edge of said face-plate comprises one or more openings for facilitating extraction and for checking the number of tags stacked inside the wrist-band.

26. (Previously Presented) Apparatus according to Claim 20, characterized in that said wrist-band comprises a strap for fastening to the patient's wrist, two lugs being formed on two opposite sides of the face-plate and being each provided with at least one slit through which said strap passes.

27. (Previously Presented) Apparatus according to Claim 26, characterized in that each of said lugs is provided with a projecting pin and said strap is provided on both opposite sides of the face-plate with a series of through-holes each projecting pin being inserted inside one of said through-holes of the strap and said

projecting pin being engaged by suitable elements able to permanently fix the strap to the face-plate and connected by means of flexible bands to said face-plate.

28. (Previously Presented) Apparatus according to Claim 20, characterized in that said face-plate comprises a closing cover.

29. (Previously Presented) Apparatus according to Claim 28, characterized in that said closing cover comprises an annular edge provided with a series of divisions or weakened zones suitable for facilitating extraction of the tag with a movement performed by means of pressure or rotation.

30. (Previously Presented) Apparatus according to Claim 28, characterized in that said cover comprises internally a projecting tooth having a shape and position corresponding to one of the through-holes formed in the opening tag so as to ensure positioning with the writing indicating the blood group directed downwards.

31. (Previously Presented) Apparatus according to Claim 28, characterized in that said cover comprises on its periphery one or more rings for connection to the body of said face-plate.

32. (Previously Presented) Apparatus according to Claim 19, in which the said closing cover is provided with a diaphragm formed almost centrally in its closing plate, the said diaphragm being able to cooperate with an extraction member which can be inserted through the same diaphragm so as to extract the tag(s) from the said cover.

33. (Previously Presented) Apparatus according to Claim 32, in which the said extraction member comprise a stud placed axially at the center of a cap the said cap being couplable to the said cover, and being also firmly connected to the said face-plate.

34. (Previously Presented) Apparatus according to Claim 32, in which the said diaphragm is provided with one or more fracture weakenings.

35. (Previously Presented) Apparatus according to Claim 32, in which the said cover comprises internally a projecting tooth having a shape and position corresponding to one of the through-holes formed in the opening tag.

36. (Withdrawn) Method for using the safety apparatus for transfusions of blood or blood derivatives according to any one of the preceding claims, characterized by the following steps:

- a) establishing the blood group with associated Rh factor contained inside a given bag;
- b) recording on said bag information indicating said blood group with associated Rh factor;
- c) mounting the constriction device with the same information on the tube for discharging the blood or blood derivatives from said bag;
- d) connecting in an irreversible manner the chosen constriction device to said bag;
- e) identifying the blood group with associated Rh factor of the patient and recording the data obtained in a hospital file and on a tab to be attached to the wrist-band fastened to the patient's wrist;
- f) choosing the face-plate with information as to the blood group and associated Rh factor corresponding to that of the patient;
- g) fixing the face-plate permanently to the strap;
- h) fastening the wrist-band to the patient's wrist;
- i) selecting the number of bags to be transfused, containing blood or blood derivatives with a blood group and associated Rh factor established beforehand and required by the patient;

j) choosing the number and type of tags corresponding to the blood group of the patient according to the number of bags required or associating with each individual bag a tag already inserted inside the cover;

k) placing the chosen tag or tags so that they are stacked on the face-plate of the wrist-band or releasing the tag from the cover by means of pressure or rotation;

l) removing, at the time of the operation to be carried out on the patient, the tag or tags present in the wrist-band and opening the corresponding constriction device or devices, i.e. one for each tag.

37. (Withdrawn) Method according to Claim 36, characterized in that the abovementioned steps a), b), c), d), e), f), g), k) and l) are carried out in a transfusion center outside the hospital department where the patient is waiting to be operated on.

38. (Withdrawn) Method according to Claim 36, characterized in that the steps d), e), h), k) and l) are carried out in the department of the hospital where the patient is waiting to be operated on or where the transfusion is performed.

39. (Withdrawn) Method according to Claim 36, characterized in that a further step involving checking and cross-checking of the patient's blood group and the blood group of the bags to be transfused is envisaged between the step g) and the step h).

40. (Withdrawn) Method according to Claim 36, characterized in that said wrist-band is fastened to the patient upon admission to the hospital and, after step e), the face-plate with the information indicating the corresponding blood group and associated Rh factor is fixed thereto in an irreversible manner.

41. (Previously Presented) A method for using the safety apparatus according to claim 1, characterized by the following steps:

- a) establishing the blood group with associated Rh factor contained inside a given bag;
 - b) recording on said bag information indicating said blood group with associated Rh factor;
 - c) mounting the constriction device with the same information on the tube for discharging the blood or blood derivatives from said bag;
 - d) connecting in an irreversible manner the chosen constriction device to said bag;
 - e) identifying the blood group with associated Rh factor of the patient and recording the data obtained in a hospital file and on a tab to be attached to the wrist-band fastened to the patient's wrist;
 - f) choosing the face-plate with information as to the blood group and associated Rh factor corresponding to that of the patient;
 - g) fixing the face-plate permanently to the strap;
 - h) fastening the wrist-band to the patient's wrist;
 - i) selecting the number of bags to be transfused, containing blood or blood derivatives with a blood group and associated Rh factor established beforehand and required by the patient;
 - j) choosing the number and type of tags corresponding to the blood group of the patient according to the number of bags required or associating with each individual bag a tag already inserted inside the cover;
 - k) placing the chosen tag or tags so that they are stacked on the face-plate of the wrist-band or releasing the tag from the cover by means of pressure or rotation;
 - l) removing, at the time of the operation to be carried out on the patient, the tag or tags present in the wrist-band and opening the corresponding constriction device or devices, i.e. one for each tag;
- wherein it is possible to provide each person concerned with an individual tag, to be carried on them at all times, coded in a manner corresponding to the blood type

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of the owner so that, in the event of admission to hospital in order to undergo a blood transfusion, the user is able to check whether the elements coding and identifying his/her blood group and associated Rh factor assigned to said face-plate actually correspond to those on their own tag.